

Doctoral College Metabolic & Cardiovascular Disease



LIPID METABOLISM IN IMMUNE-MEDIATED **DISEASES**

GUEST LECTURE by

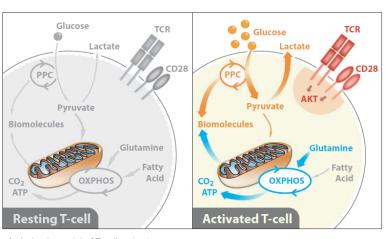


Craig A. Byersdorfer, MD PhD

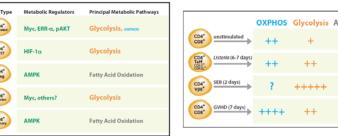
Pediatric Hematology/Oncology, University of Michigan, Ann Arbor, USA

> Monday, 24.06.2013 17:00h

Seminar Room 07.11, Preclinics (Harrachgasse 21, 1st floor), MUG

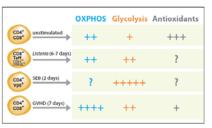


▲ A simple model of T cell activation.

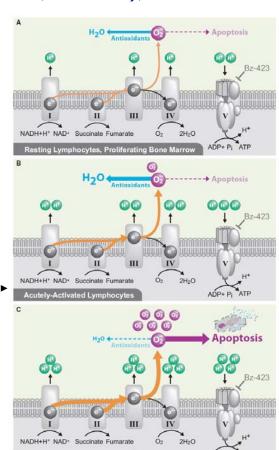


▲ Regulation of metabolic pathways in activated T cell subsets.

Mechanism for selective induction of apoptosis in disease-causing lymphocytes.



▲ Metabolic parameters of T cells activated in vivo.



Distinct metabolic programs in activated T cells: opportunities for selective immunomodulation. Wahl et al. (2012) Immunol Rev 249:104-15